

I Claim:

- 1.** An apparatus comprising:  
a housing;  
a coupling device that is physically associated with said housing, wherein said coupling device reversibly couples said housing to an object that is underwater;  
a transmitter that is physically associated with said housing;  
an energy-storage device, wherein said energy-storage device provides power to at least one of said transmitter and said coupling device; and  
a generator, wherein said generator provides power to at least one of said transmitter and said electrical storage device.
- 2.** The apparatus of claim 1 wherein said housing has a shape of a water-dwelling organism.
- 3.** The apparatus of claim 2 wherein said housing has a shape of a remora.
- 4.** The apparatus of claim 1 wherein said coupling device is an electromagnet.
- 5.** The apparatus of claim 3 wherein said coupling device is an electromagnet and further wherein said coupling device is disposed proximal to an anterior portion of said remora-shaped housing.
- 6.** The apparatus of claim 1 further comprising a decoupling device, wherein said decoupling device causes said coupling device to de-couple said housing from said object when upon occurrence of a condition.
- 7.** The apparatus of claim 6 wherein said condition is selected from the group consisting of said object being at or above a desired depth underwater and when said apparatus stops moving.

- 8.** The apparatus of claim 1 wherein said transmitter comprises:  
an RC circuit, wherein said RC circuit generates a signal having a desired frequency; and  
a transducer, wherein said transducer receives said signal and converts it signal selected from the group consisting of an acoustical signal and an optical signal.
- 9.** The apparatus of claim 1 wherein said electrical storage device comprises a rechargeable battery.
- 10.** The apparatus of claim 1 wherein said electrical storage device comprises a capacitor.
- 11.** The apparatus of claim 1 wherein said generator comprises a piezoelectric polymer.
- 12.** The apparatus of claim 11 wherein said housing comprises a flexible portion, and wherein said piezoelectric polymer is in the form of a film, and further wherein said film is disposed in said flexible portion.
- 13.** An apparatus comprising:  
a housing, wherein said housing has a shape of a remora, and wherein said housing has anterior portion and a posterior portion;  
a coupling device, wherein said coupling device is physically associated with said housing proximal to said anterior portion, and wherein said coupling device reversibly couples said housing to an object that is underwater;  
a transmitter that is physically associated with said housing;  
an energy-storage device, wherein said energy-storage device provides power to at least one of said transmitter and said coupling device; and  
a generator, wherein said generator provides power to at least one of said transmitter and said electrical storage device, and wherein said generator is physically associated with said housing proximal to said posterior portion.
- 14.** The apparatus of claim 13 wherein said posterior portion of said housing is movable and said generator comprises a piezoelectric polymer film.

- 15.** The apparatus of claim 13 wherein said coupling device is an electromagnet.
- 16.** The apparatus of claim 13 further comprising a decoupling device, wherein said decoupling device causes said coupling device to de-couple said housing from said object when said object is at or above a desired depth underwater or when said object stops moving, or both.
- 17.** The apparatus of claim 13 wherein said transmitter comprises:  
a signal-generating circuit, wherein said signal-generating circuit generates a signal having a desired frequency; and  
a transducer, wherein said transducer receives said signal and converts it to an acoustical signal.
- 18.** The apparatus of claim 13 wherein said electrical storage device comprises a rechargeable battery.
- 19.** The apparatus of claim 13 wherein said electrical storage device comprises a capacitor.
- 20.** A method comprising:  
reversibly coupling a housing to an object that is submerged in water;  
generating energy by moving said housing through said water;  
storing said energy in an energy storage device in said housing; and  
delivering the stored energy to a transmitter in said housing.
- 21.** The method of claim 20 further comprising transmitting a first signal through said water.
- 22.** The method of claim 21 wherein the operation of transmitting further comprises:  
generating an electrical signal; and  
transducing said electrical signal into said first signal.

- 23.** The method of claim 20 wherein the operation of reversibly coupling further comprises magnetically coupling said housing to said object.
- 24.** The method of claim 20 wherein the operation of generating energy further comprises converting mechanical force into electrical energy.
- 25.** The method of claim 20 further comprising decoupling said housing from said object on occurrence of a condition.
- 26.** The method of claim 25 wherein said condition is selected from the group consisting of said object being at or above a desired depth underwater and when said apparatus stops moving.